

THIS MONTH WE SALUTE  
W4BGO and W4DFU, TROPHY  
WINNERS OF OUR  
4th ANNUAL QSO PARTY.  
(See Story Below)

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Tallahassee, Fla. 32307

# FLORIDA SKIP

Vol. 12 No. 1

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

JUNE 1968

Price 20c

## ★ ★ Results of 4th Annual QSO Party ★ ★



HERE IS THE WINNER of our FLORIDA QSO PARTY Contest, top cw scorer Ben Letson, W4BGO of Sarasota, Florida. Ben recently also won the National QCWA contest. As you can see he has a little help from his friends in the background. BUT . . . it takes more than just friends . . . it takes know-how and skill which he has plenty of both. Congratulations, W4BGO!

### Special Auto Licenses Available

The State Department of Motor Vehicles, 107 West Gaines St., Tallahassee, Florida 32304 recently sent out the DMV Form HR-1 to thousands of Florida amateurs. If you'd like to obtain a special license tag with your call letters on it, request a HR-1 form today. Don't delay, time is running out fast.

If the applicant does not have a Florida title certificate in his or her name covering the vehicle for which amateur radio

license plate is requested, an application for title properly executed must be submitted with proof of ownership and proper fees.

Remember - when an automobile registered with an amateur radio tag is sold or traded you may contact your local tax collector or tag agent, who will upon payment of required registration tax and fees, transfer the amateur radio tag to another vehicle in accord with instructions from DMV.

### Awards To Florida SKIP

Perhaps you will recall several months ago we carried an announcement of the Amateur Radio News Service Publication Awards contest. Well, FLORIDA SKIP entered along with dozens of other USA and Canadian amateur radio publications. Recently the results were released and we are happy to report the following standings: (Commercially supported section.)

FLORIDA SKIP - Local News ham coverage: FIRST

Club membership contributions: FIRST

Legibility of content: SECOND

Technical articles: THIRD

General overall category: THIRD

Other Florida publications came up with the following awards:

Local News Ham Coverage: Signal Report, St. Petersburg: Third

Activity coverage: BARC, Ft. Lauderdale: Third

Commercial ad layout: Signal Report, St. Petersburg: Third

Masthead category: Sparc-Gap, St. Petersburg: First

Illustrations & Sectional coverage: QRN, Lighthouse Pt. First. Also receiving honorable mention awards were:

Balanced Modulator, Jacksonville.

DX Report, West Palm Beach.

A total of 12 awards were

Our heartiest congratulations to W4BGO, top Florida Single operator; to the gang at W4DFU (W44NYJ, WB4JAN, WB4-DSP and W44VEY,) top Florida Multi-Operator and top contest score; and to W9JCK, top out of state station. May they wear their trophies in style! Each station won his category by a significant margin! You are going to have to set your goals high to capture the crown from these gentlemen during next year's party.

The scores of particular interest to you phone buffs are those of W4DFU and WB4DJT. Not only have these stations shown that phone can be productive in a state QSO party, but also equally high score can be obtained on either phone or CW. It is believed this year's phone results set a precedence for this type of contest.

The overall results of the party show a very significant increase in interest over previous years. The following statistics, based on last year's results, prove this many fold.

Overall increase in logs received 50%

Overall increase in CW logs 20%

Overall increase in phone logs 335%

Increase in Florida CW logs 16%

Increase in Florida phone logs 220%

Increase in out of state CW logs 22%

Increase in out of state phone logs 435%

(Continued on Page 15)

(Continued on Page 14)

## FLORIDA SKIP, INC.

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Enclosed is \$2.00 for 1 year or \$5.00 for 3 years.  
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Deadline - 10th of month in Box 501, Miami Springs, Fla. 33166.

PERMISSION: Anything in Florida Skip may be reprinted in any other amateur radio publication in the world with a Credit Line please.

Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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IT'S A FACT. Geo. Hunt, W4NUT  
1218 S.W. 21st Ct., Ft. Lauderdale.

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VHF - Bertha Eggert, WA4BMC,  
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ARMY MARS, Joseph C. Patterson,  
AD4TZI, Ft. Pierce, Florida

AF MARS, Alan Strauss, WA4JTK,  
Carol City, Fla.

NAVY MARS, Jim Wilson W4GDK,  
1204 Avacado Isle, Ft. Lauderdale, Fla.

VHF SSB'ers R.D. Ralston. K4LFF  
P.O. Box 945, Fernandina Beach  
32034

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FLAMINGO, W4EDP, Miami  
QFN, WA4OHO, St. Pete  
TPTN, W4SMK, Ft. Myers

### CLUBS

Broward ARC, W4GDK, Ft. Lauderdale  
NFARS, K4DSN, Jacksonville  
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W. Fla., W4RKH, Ft. Walton Bch.

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Suncoast Roving and Florida,  
W4BAV, Sarasota  
Indian River ARC, W4EWB,

## Ex-Calls

We are surprised how this EX CALL column is catching on again. Have you sent in yours? SKIPPER, Box 501, Miami Springs, Fla. 33166.

W4MG ex K4MJJ  
W4TVK ex WA2GCQ  
K4TT ex W8TT  
W6EPO ex W4LSA  
W4KEB ex W8PHW & W2OLD  
W3KK ex W3DSK, W7NQP, W-9NQP & W5GCL  
W3HH ex K3ZMQ, K9UHC, K-H6CHI, W7FEG & W9RIU  
W3KS ex WA3IHK, W4MGD, K-L7CTG, W6JCF, W6IIG & JA3AF  
W3NJ ex K3FER

Last 4 listings are ARINC Annapolis amateurs.

W4ROJ ex K2QMB  
W4CT ex 9PM, 9QI, 8AWZ,  
8BCH, 8GTA & W4NBY



## Letters To Editor

Editor:

Finally managed to make one of the FLORIDA QSO PARTIES. Some of the guys were buried in so much QRM that I couldn't break through. Some real nice signals on 40 but only could snag K4ILC. K4IEX was real loud along with W4BGO peaking s-8. Oh well. Hope to be seeing you guys in about 100 days. Oh yes, if I manage a certificate out of this report, just send it to my home QTH.

Don ET3FMA and K4FMA, Miami

Editor:

Simply amazing! Them's my sediments in re your Florida Test '68. Judging by the pile ups you'd thought it was AC4YN and BV9A the boys were after. Sure enjoyed the Florida QSO Party and will be back next year. Missed getting 20 county extra points (50) by only one, but did work every county I heard. Believe I was only Mexico entry. -Thanks for FB contest and good luck and DX.

John J. Davenport XE1KD  
Mexico City, Mexico

Dear Andy:

All hams in Florida who have their call letters on their automobile tags have just recently gone through the expense and bother of getting their application for their Ham tag notarized. A few years ago the Federal Communications Commission removed this requirement from the applica-

tion for an amateur radio license.

It seems to me that the hams of Florida should get together and request the next legislature to remove the requirement for Hams to have each application for license tag notarized. This is discriminatory because all other automobile owners do not have to get their application for automobile license notarized.

I am hoping that some amateur radio operator with the ability and know how, will spearhead a drive to eliminate this unnecessary procedure when applying for a call letter license plate.

73,

Larry Loper, W4WHF  
225 Sutan Avenue  
Sarasota, Florida 33577

Dear Editor:

A few years back, or so it seems now, I was issued the call 5IR and when the time came to have it renewed the Department found that the call had been issued by mistake and that my "place of business" was in the Fourth and not the Fifth district and so there was a letter of apology and the new call of 4HQ was assigned. Some time later a "W" was added. And so we are now "W4HQ" and are on the air infrequently using c.w.  
73 Francis W. Taylor, Pensacola, Florida.

## New Field Day Changes

(Editor's note: This will be your final reminder for Field Day. Please read new changes below in ARRL Bulletin 161. Send SKIP your scores early and all legs directly to ARRL Hq. All single entries must send a "copy" of their logs to SKIP for checking. Good luck.)

Field day 1968, June 22 and 23, will incorporate a number of new features. Suggestions from the field should make this annual test of emergency gear particularly challenging this year. Significant changes include combining class D and E home stations into one category eligible for the d.c. input and emergency power multipliers.

The Field Day period will be limited to 27 hours, including set-up time. (Repeating 27 hours including set-up time.) Power multipliers have been rearranged to break at 10, 50 and 200 watts.

Increased points for traffic and 100 percent emergency power will be offered. In addition, the 1.5 battery multiplier will apply to the under 10 watt Class A as well as Class B and C stations. Full rules will appear in QST. Read 'em.

Don't forget that under the new Florida law, all Florida-licensed motor vehicles are required to be safety-inspected - lights, steering, tires, brakes, etc. - twice a year.

If you carry your radio call sign on your license plate instead of the usual Florida license letters and figures, your first inspection will be during the month of November, 1968.

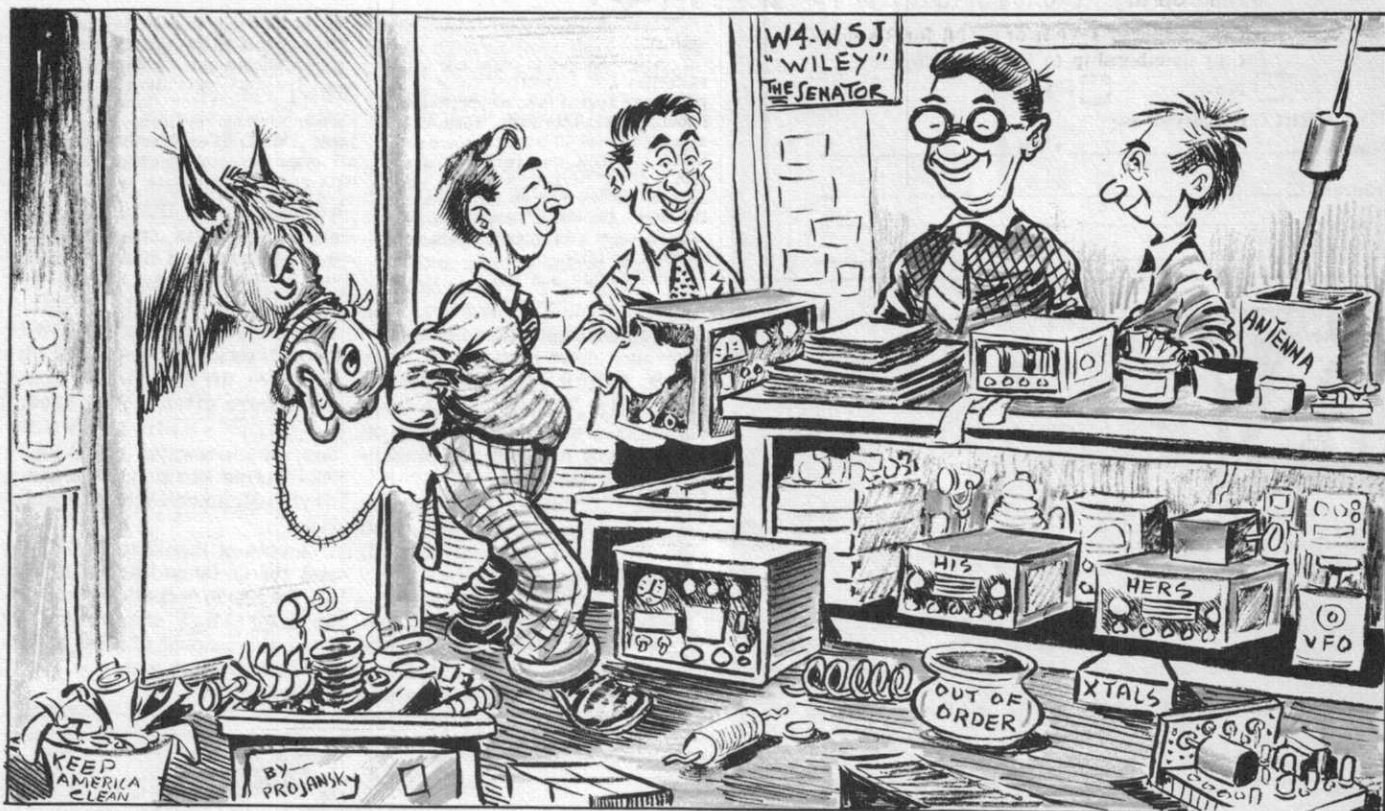
Here is the official ruling, dated Feb. 2, from Captain C. C. Reynolds, Chief of Motor Vehicle Inspection for Florida's Department of Public Safety, Tallahassee, Fla.

"This is to advise that the month of NOVEMBER will be the scheduled time for Florida amateur radio operators to have their vehicles inspected if such vehicles are bearing their amateur radio call letters."

It just might be a good idea to clip this notice and carry it in your billfold, in case someone stops you this summer and questions your prior lack of an inspection sticker.

Submitted by Joseph C. Patterson WA4TZI





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HERE ARE TWO MEMBERS of the South Florida FM Association, Don WA4JBI and Ted K4ANW, checking over their newly licensed repeater 2 meter FM rack located at the University of Miami. SFFMA recently received the call WB4HAA from FCC. Read article by Kitty Holdahl WB4FII (XYL of K4ANW) below. (photo by WB4DZH)

## Floridoras Have 11th Anniversary

The Floridoras celebrated their 11th Anniversary at the Statler - Hilton Motel, Headquarters of the Orlando Hamfest, April 27-28th, with 25 present.

A luncheon was held at noon in the main dining room followed by a birthday party at 2 P.M. featuring a beautiful 3-tier decorated birthday cake and coffee. Each girl was presented with two plastic coasters, with shells, etc. imbedded in the center and made by W4UIZ - Ev Shea. W4IUR-Mim Cook won the door prize, a small goose-neck lamp that will repose nicely on her sewing machine and brighten up her work.

The Floridora annual meeting was held Sunday, the 28th, with the following officers elected: President, W4BAV - Cathy Soehl; Vice-Pres., W4BMC - Bertha Eggert; Secretary, W4-EHN-Betty Coleman and Treasurer, K4WXS - Lee Kanarian. The President appointed the following committees: Member -

ship, W4BIL - Fran Foley; Certificate, K4RNS - Marge Campbell; Historian, W4UIZ-Evelyn Shea; Publicity, W4CWV-Ann-ette Thompson; and Net Manager, W4QBY-Dorothea Seaver.

The original draft of the Floridora Certificate, now in the hands of the Historian, was shown the girls, some of whom met for the first time, K4LFA-Dot Davidson, who did the art work on the "Floridora Girl" (now copyrighted) and W4BWR-Ruth Nissen, who wrote the script on the certificate. Both girls were given a "big hand."

WB4FVN - Nellie Van Voorhes, of Clearwater and WB4G-ZN-Karine Norman, of Brandon were welcomed to the organization.

A vote of thanks to W4UIZ-Ev and the Orlando Radio Club for all they do to make the Floridoras meetings successful. We know the amount of time and effort all this requires.

73-W4BAV

## - Late Flash -

Here at deadline time, we have been receiving newspaper clippings about a 54 foot catamaran, "Malulani" enroute from Dry Tortugas Mexico for Key West with W4DKJ of Ft. Myers and Alan Biggs W8LO from Gardenville, Pa. aboard. The Malulani developed rudder trouble and started taking on water. W8LO/MM got on 40

SSB and quickly set up net with W4OGX, W4TUB, W4FP and others to coordinate efforts for a Coast Guard water pump drop.

Next month we hope to have a complete story from W4DKJ as to exactly what happened on April 5th and 6th between Dry Tortugas and Key West.

## South Florida FM Association

By Kitty Holdahl WB4FII

For all those who have heard that the SFFMA repeater is a reality, here is a picture of the XMTR site of WB4HAA, complete with two of the associations technical committee - DON WA4JBI and TED-K4ANW.

Equipment lineup is as follows - top to bottom - UHF Receiver - Motorola TA - 141 used for remote control of repeater, located U. of Miami in Coral Gables. Audio Input Panel - Line Level Control from

VHF and UHF Receivers.

Secode Decoder - decodes UHF Control Signal.

VHF Transmitter and Power Supply - GE 4ET20 - 30 watts output.

Timer control panel contains

timers for Recorder Log, Code wheel and 3-minute time-out Timer for transmitter. Low voltage power supply and Code Wheel Assembly for Automatic CW ID.

Tape Recorder - for Automatic Repeater Logging. Located 1500 ft. away in another building is the VHF receiver GE 4ER25 with audio output brought into the audio input control on special lines. Antennas are a Mosley Diplomat for receive and a DB 224 for transmitting.

The big news this month is that W4IJE, CH. Summers, of Miami, has volunteered to incorporate the association.

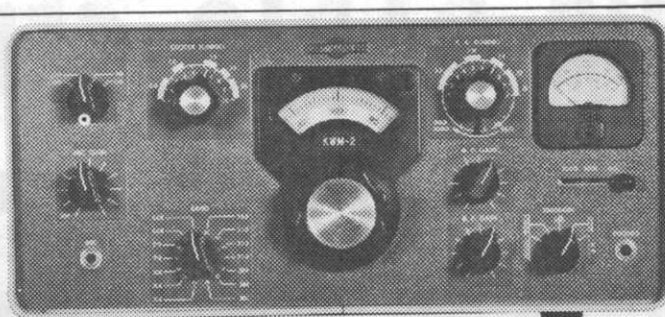
May we take this opportunity to express our thanks to CH for volunteering for a job which will take quite a bit of his time and will decrease his earnings.

**Another  
of the  
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Equipment from**

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Pensacola, Fla.







ANOTHER OT IN AMATEUR and Commercial Radio (retired from EAL) is Vance Murr, W4FWI of Miami Springs. Vance is our SKIP assistant who helps mail your SKIP each month. He can be found mostly on 40 and 80 cw/ssb. Jr. Opr. looking on is Andy Lee Clark.

(SKIP photo)



**NAVY**

All three areas in Fla. were represented at the big Orlando Hamfest Navy MARS meeting. About 56 attended and heard Director Earl Crawford tell of the recent accomplishments in the 6th Naval District. We lack only a few of having a thousand members in the 6th N. D. alone. Biggs, Chief Operator of NØFAA from Camp Lejeune, N.C. Marine Base also attended the meeting and made many new friends. Bill has been appointed manager of the new Guantanamo Bay Navy MARS phone patch net whose basic frequency is above 16 Mk.

Quite a group of Florida Navmars operators have been invited to serve as guest operators on Armed Forces Day at the big Navy station NSS near Washington. If you contact NSS on May 18, it may be a Florida operator.

Joel NØJQE operating in Pensacola is the most recent NW

Fla. checkin on the District net. NØGAJ and NØYJG are the mainstays of N.E. Fla. on that net, while NØGAL, FBE, JXA, FQL and WCK take the traffic for So. Fla. Each area, of course, has active local nets.

The N.E. Fla. bulletin announces that NØEQW, Jim Leavy, our 6 N.D. Engineer has a schematic showing how to use RTTY on 2 meters.

If you would like to have information about Navy MARS, you may secure it from this correspondent or work W4GDK on the air.

In the interest of eliminating a lot of senseless communications on the ham bands I believe I will start a new type of certificate. One issued for stations logged - not worked. If pretty enough it might even attract the screwball who calls CW on the frequency already occupied by two others calling CQ. Onyx

# NOTICE!

## Tower Factory Clearance Sale

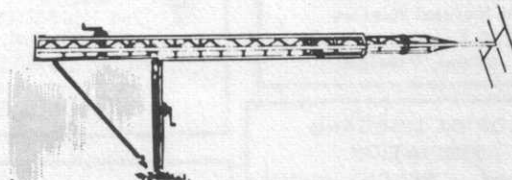
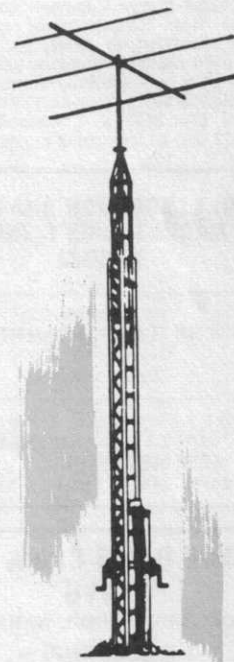
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buckles, etc.



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# CLUB NEWS

## SUNCOAST ROVING REPORTER

CATHY SOEHL W4BAV

Another birthday has passed for the Floridians; see details of meeting at the Orlando Hamfest in special article elsewhere in SKIP.

W4QBY-Dorothea Seaver was missed at the Orlando Hamfest and we were shocked and sorry to hear of her accident. Dorothea fell, breaking her knee cap and, after a three day stay in the hospital returned home with a cast from her hip down. Though she cannot take her daily morning swim, she is quite cheerful and plans to enjoy hamming, etc., during her disability. Incidentally, she has another hobby -- flowers; won 5 blue, 2 red and 3 white ribbons at a recent flower show.

K4RNS-Marge Campbell enjoyed a visit from K3TNL-Elinor and OM-Bill Wendland, of Ariel, Pa. Elinor checked into the Floridiana Net.

W4JCR/8-Anita Bien writes she is settled in her apartment, 15800 Euclid Ave. (No. 202), E. Cleveland, Ohio, 44112 and is now trying to get her old

call W8TAY back. She expects to go to the YLRL Convention, June 13-16, in Denver Colo. and is looking forward to seeing the Floridians.

WB4ETV - Mabel Pladson is now W-A6DHI, having moved to 864 Kavanagh, Hanford, California, 93220. Mabel is taking a National Technical School course, preparing for 1st class FCC licenses. Says she is going for Advanced Class License. Quite a bit of 6-meter activity there but no MARS Net.

W4EHN-Betty Coleman was having a check up before taking off for Wisconsin, May 1st. Hope all is well and nothing serious. Have a good summer, Betty.

K3LFZ (ex W4LGI) Esther Ray visited W4BAV-Cathy and enjoyed the Floridiana Net and hearing many of the girls she knew personally when she was living in St. Petersburg.

## FLORIDIANA NEWS

Cathy Soehl W4BAV

The Suncoast area was well represented at the Orlando Hamfest, April 27-28th, and enjoyed by all. Next event is the SPARC Hamfest, May 19th, Lake Maggiore, St. Petersburg. See y'all there.

W4JVQ-Cal Friedrich's XYL makes beautiful woven emblems that fit any wardrobe, with 200 colors from which to choose. They can be made in any size, color combinations and are fully washable in hot or cold water. If interested, just send sketch of your emblem, call, etc. to Mrs. Cal Friedrich, Box 489, Plant City, Fla. 33566 and she will be glad to submit samples for your approval. She usually attends all Hamfests, next May 19.

Interesting item from "Ham Antenna" - Cleveland Plain Dealer, per W-8BAH-Harry Tummonds. "Marie de-

Forest, widow of radio inventor Dr. Lee deForest, now has Novice Class FCC license (WN6ZJR). Dr. deForest never held an amateur radio license but did have a commercial marine wireless station in Cleveland about 1912."

W4VIP-Frank and Marge Ryll's son Frank Jr., was listed on the reserve call to service recently. We wish him well and hope the conflict will soon be settled and all the boys come back home safely.

W4NOK-Jack and XYL, W4NFA-Frances Adams are now busily engaged in operating their hote-motel in Ocean City, N.J. Hope things are not too rough up there and W4RMC will be heard, even though it is in the wee hours.

W4BAV-Cathy and OM, W4GHR-Bill Soehl enjoyed a visit from W4B-PCT-Fred and XYL-Betty Barnes, who were vacationing at Madeira Bch.

Mark your calendars for August 17-18th, Platinum Coast Amateur Radio Society Hamfest at Melbourne.

## FLA. VHF SIDEBANDERS

By R.D. Ralston-K4LFF

I'm sure glad there are not too many that read this column due to not having too much to write about. Dave, W4U-WH and several others had the good luck to work Erik, T12NA several days ago. We had a very nice opening on April 21st, into Texas and California.

Jim, W4DPH came up from Clearwater that day and did the top work on the tower, so with the beam at 56 feet, we are working Clearwater and St. Pete (230 air miles) quite consistent, and of course still on AM with the G-50 till the SSB rig gets here.

John, K4IVB down in Englewood is also on AM at present but we still were able to make contact. I guess it proves some of the comments heard on the air that the only time some of the 6 meter bunch gets on is either to listen for a hour for some one to call them on a net, or to have the band open. The vertical antenna is fine for some one who is able to work the low bands and does not have to depend on 6 for communications to other parts of the state, but even many of the more advanced hams do look at VHF with a more serious viewpoint and try to improve their station while some just sit back and complain about not being able to do what some of the others are doing.

At least 2 of the Jacksonville boys have worked on their antennas since I moved up here on the island. I am hoping for real ground wave as soon as I can make a few schedules with south Florida and also the panhandle. If any of you gals or guys in that area read this, drop me a line as to time and frequency you want to try for working out of your back yard. See page 2 for address.

## WESTERN FLORIDA NEWS

Frank M. Butler, Jr., W4RKH

Pensacola: W4AXP was in Baptist Hospital for several weeks, but is doing better now. W4KAK/4 was appointed ORS. W4EPH reports good progress toward Extra Class and First Phone. K4DOT took part in recent FMT. W4FRJ has a new HX-100. W4UUF worked Havana, Cuba on 2-meters, plus several states, during April band openings.

Fort Walton: WB4CFQ and W4MMX

passed Advanced Class. The remote receiver for the WA4EVU repeater was moved to the Destin water tank, about 180' high. W4UXW brought back several mobile rigs from the Orlando Hamfest to boost 2m FM activity in the area. WB4EQU and WB-4CFQ have their's going. KeQVL went high power with a Swan 500, trading his SB-34 to WA4IYH.

Chipey: W4IKB is up to 14 countries on 20m RTTY. Marianna: We were saddened to learn of the passing of WA4DED. He was an untiring worker for the ARPS and ARRL, and will be sorely missed on WFPN.

Tallahassee: WA4EOQ got his all-SSB WAS and WAC awards. He was also recognized in the local paper for the regular schedules he keeps with a missionary in Ecuador. W4GAN, XYL of W4JGD, is active on the Fla. Mid-day Traffic Net.

Cross City: K1FVW/4 is transferring to Mississippi, but W7NQY/4 is taking his place.

## DADE RADIO CLUB NEWS

By W4EDP-Jim Bonnell

The new officers are allowing very little grass to grow under their feet since they took office. Plans for the Hamboree to be held next January are already on the drawing board, and exhibitors are being lined up. We even have a couple of new exhibitors interested that have not shown at the Hamboree before.

The new rules for Field Day sort of change the picture a little, so the club has altered some of our plans to fit the new rules. After working things out it looks as though the new rules will give a break to those that think things through ahead of time. Look the rules over real good if you are planning to go out for Field Day. May QST has the full story.

As many of the Club members that could make it went to the Orlando Hamfest, and all reported having a very good time. The location has been changed for the better, but even so they sure could use a lot better places. Seems like there is no place in Orlando that is set up to handle a hamfest of the size they put on. The club there deserves lots of credit for a job well done.

There seems to be a sort of resurgence in club membership lately. Some of the oldtimers are coming back to the fold after too long absences, and new members are on the increase too. Looks real good to see new faces around.

Andy says I'm out of space so CUL, 73, Jim.

## B.A.R.C. NEWS

Jim Wilson W4GDK

It is said that "Ft. Lauderdale is where the girls are." At the May meeting of BARC it was Ladies Night and our "long suffering" XYLs and even some girl friends were there in force to enjoy the evening with the ham in their individual lives. About 67 attended this first Ladies Night. Pres. Ivan Peterson introduced as "Master" of Ceremonies Ruth Christian WA4HED who carried on from there. They had us all stand up, put our hands on our wife's shoulders and give her a big kiss. This determined whether we were still on speaking terms. Hi.

Then Ruth had the various wives tell interesting and amusing stories about their husband's ham activity. Ivan's own wife Leah told a dilly

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about how he got each rig thinking it was the ultimate until he saw a later model and how he convinced her each time that he should make a swap. Each wife in the room nodded her head knowingly. Many probably remember things they went without so that the man she loved could have "the better rig."

One wife said her husband had his rig in their bedroom and that it irked her to hear him tell the other ham about conditions "here in the shack." Another has his rig in a cupboard in their kitchen where it was very easy to put his food right next to his mike.

Many of the wives spoke of the fine friendships they formed thru ham radio and how helpful they were to each other.

Light refreshments and club insignia contest convinced all it was a happy occasion which should be repeated.

The Broward Amateur Radio Club meets at 8 p.m. the 2nd Wednesday of each month at the Broward County Medical Assn. Bldg. 2200 So. Andrews Ave., Ft. Lauderdale. Anyone interested in ham radio is cordially invited to attend.

## ORLANDO RAMBLINGS

Hal, W4BKC

Jess, W4CLJ, Harold, K4GA, and Jim W4PAO took a little trip to South Seminole Junior High School to give the members of Mrs. Martins Science Class a practical demonstration of amateur radio in action. Hal, W4BKC back in Orlando was the voice coming out of the yellow box. From some of the questions asked, a genuine interest was evident. We may have started a few Novices on the long climb to an advanced ticket.

Congrat's to Case W4NGR and the members of his Committees for another successful Hamfest. Made two people real happy; Joe, KP4LA San Juan P.R. will get his Swan 500-C. Bob, W4YJQ and Case, W4NGR carried the Galaxy to Dynatronics for B.D. Wyman, W2QZL from Rochester, N.Y.

One of the comments I heard was that the swap shop should have been in the main room, and from what I saw maybe they have a point -

seemed like there was a ton of goodies at least. Very few boat anchors.

Looks like this was the largest attendance wise and otherwise - that the Orlando gang has ever sponsored. Thought about Wes, KeKRG during the fracas and wondered what he was doing while all this was going on. In fact, wonder what the heck he is doing anyhow. Hope he finds his way out of that labyrinth soon so we can find out how he is doing. (Hal: his new address is 7432 Wigh Rd., Falls Church, VA 22043. AC)

Here are a few more winners: E-Z Way 40 Ft. Tower - Bill W4-MRK, Jax, Drake RF Wattmeter and Antenna Match-W4YPX "Lucky" Ron, Jax.

Hope you traffic men picked up one of those "Routing Guides" from Andy, W4IYT, only .50 and well worth it. Lotsa Info.

## SOUTH MIAMI RADIO CLUB

By John W4NE

Altho the treasury is gradually approaching the figure required to purchase a club transceiver, it was agreed at our April meeting to postpone such acquisition until 1) we have a year-round suitable meeting place where the equipment could be installed, and 2) until there would still be some running funds left in the treasury after such a purchase.

At this meeting we had the pleasure of a visit from our S.E. Div. Director, Chuck Bolvin W4LVV. Having listened to our earlier discussions on field day preparations, Chuck reminded us of recent rule changes by which field day "set up" time is now included in the 27 total hours allowed. Chuck also gave us a brief outline on the conduct of ARRL annual directors' meetings, which was enlightening as well as interesting. AQ & A period on this subject followed.

Another visitor was WA4OQX prexy of Dayton Beach Radio Club who answered some questions on the conduct and activities of that club. Come again WA4OQX.

A science film supplied by Fla. P & L wound up this meeting.

Our May 3rd meeting was given over largely to an interesting talk

on the origin, development and service activities of IBM by their district Field Engineering Manager, Mr. R. E. Tritt. Their methods of acquiring qualified service engineers (and their training) was of special interest to many members.

George WA4JFA reported that although favorable field day sites were being negotiated, it would be another few days before this matter would be definitely concluded, with announcement at our next meeting. In the meantime, Jerry WA4WUD reports all equipment, power supplies and antenna systems are lined up. Cold drinks and probably coffee will be available at the FD setup but everybody on the job will be expected to bring his own food.

In conclusion - all SW Dade hams are reminded that our meetings are on the 1st and 3rd Thursdays of each month at Ponce Jr. High School on south US-1. Come and meet us. We want you.

## W. PALM BCH. RADIO CLUB

By Mike Stuart WB4ETD

Our club has held several business meetings since the last article was written. Col. James Hughes, W4EXO resigned as President of the club to return back to school. We at the club think this was a great move and he is to be commended. The leadership of the club went to Twisty Ljonquist W4DWK/WICQS who previously held the office of Vice President.

Recently Steve Mandell was elected to be Field Day Chairman for this year. The WPBRC will be holding FD this year at Johnathan Rickington State Park in Hope Sound. We have two new technician class operators: Tom King WB4ILH and Ray Hoopes Jr. WB4IFP. They'll look for you on 6 meters.

We had about 4 club members who participated in the Florida QSO Party for any length of time. Twisty W4KWK, Col. James Hughes W4EXO and Steve Mandell and myself operated a multi-operator station under my call WB4ETD.

Well, that's about it for this month. Remember we meet every Monday and Friday night at 823 Newark St., so drop by for a visit. 73 Mike WB4ETD.

## IRARC NEWS

By S. T. (Tom) Walker W4EWB

A very special thanks to Mike Earnhardt, WN4HNE, for the fine job he did as Florida Skip Correspondent for our club, the Indian River Amateur Radio Club. As the new Fla. Skip Corres., I hope I can do as well.

The club is having excellent programs after the business meetings. We were privileged to have as our guest speaker, Hal Greenlee, K4GYO, who gave a talk on Amateur T.V. A general description of his T.V. station was given and slides were shown of equipment as well as "On the Air" pictures of Dave W4TOD and Ace W4AKJ from Orlando. Thanks to Hal and our Program Director "O.B." W4FXH for a fine evening.

It was Hamfest time again in Orlando. Norm WB4EBH, Own WB4CLJ, and I went over on Saturday morning from Cocoa. Norm and Own picked up a couple of bargains and there were plenty of them. We had a fine time but how did Own WB4CLJ get fermented onions??? On Sunday, we made the trip over again with Norm, and Fred WB4IPO/W9RSZ. Our red club jackets were a big hit. A fine time was had by all and now we are looking forward to the Melbourne Hamfest in August.

Where is everyone on Thursday night at 2000 EDST on 146.5 MHz.? Our club has averaged 90% or better attendance over the past few months. Congratulations!

Welcome to our newest club member, Ernest A. Baldini, K4RBD. Ernie is active in C.D. and the Coast Guard Aux. and his C.G. call is NA7-AI. He is the Dist. Commodore of the S.E.U.S. (7th Coast Guard Dist.) Ernie also has a 1st Class Phone License.

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DICK BLASCO, WA4DHU, HOLDS his little black box antenna tuner, built by hand, mostly with surplus parts. It works like a dream. (Ye Editor knows as he put 600 watts through it and it wasn't even smoking.) See Dick's article with diagram elsewhere for details. (SKIP photo)

## Whisperings From An Assistant SEC

Tom Chisholm W4FP/A4FP

Those who read QST will find a monthly report showing the total AREC membership as well as the Sections that contribute to this report, said reports being provided by each SEC on a monthly basis.

I think it should be more than a passing interest to know that for the past 16 years, East Florida has never failed to forward a monthly report to the SCM and ARRL. This also includes a rather complete report every 6 months. Sort of a Dun and Bradstreet affair.

The fact that East Florida has also lead the nation in reporting the AREC status each month, no doubt to many, will not be regarded as startling news or an earthshaking accomplishment. It does point out however, that the SEC of E. Fla. namely W4IYT Andy Clark, has managed to forward this report come hell or high water, and always on time.

It is not my intention to glorify or publicize Andy's allegiance to the cause. I am much much, too late for that sort of thing, like carrying coal to Newcastle. I do wish to remind our EC's in East Florida to send in their monthly AREC 8/FLORIDA SKIP June 1968

nr.5 reports either by U.S. Mail or via radiogram to W4FP not later than the end of each month. Most reports that reach me are too late, arriving around the 4th to the 8th of the month, and have to be held over to the following month. This is not good practice, as the semi-annual and yearly reports do not reflect a true picture.

Of course a large number of EC's send in reports every now and then, perhaps 3 or 4 times a year. Having no reports it is assumed that no change has taken place since the last report received. This makes the compiling of the data very sporty and intriguing to say the least.

Radiograms have been sent to EC's in the past relating to getting their reports in each month. Letters have been written in some cases - - without success. Perhaps someone can help me out with a formulae to assure a monthly flow of reports from all EC's. I know some of the lads resent radiograms and reminders by mail, but as they say in the TV commercials "What's an Assistant SEC to do."

Field day will be upon us very soon, and I trust all clubs and other dedicated groups will

## PROCLAMATION

State of Florida  
Executive Department  
Tallahassee

WHEREAS, Florida Amateur Radio Operators give unstintingly of their time, talents and energies to provide emergency communications whenever and wherever needed; and

WHEREAS, through their voluntary activities, amateurs throughout Florida and the United States have made significant contributions toward the maintenance of international goodwill between the United States and the world; and

WHEREAS, purely for unselfish personal reasons, amateurs have aided and contributed to the rehabilitation of blind and otherwise handicapped persons, procured medical and other assistance for the isolated and desperate in all parts of the world, provided contact with home for charitable and religious expeditions to remote places; and

WHEREAS, Florida Amateur Operators stand ready at all times to go to the aid of the nation in case of national emergency;

NOW, THEREFORE, I, Claude R. Kirk, Jr., by virtue of the authority vested in me as Governor of the State of Florida do hereby proclaim June 16 - June 23, 1968, as

### FLORIDA AMATEUR RADIO WEEK

in Florida, and call upon the citizens of this state to join with the Amateur Radio Operators in observance of this week with appropriate exercises to further and stimulate interest in amateur radio.



ATTEST:

*Jim Adams*  
SECRETARY OF STATE

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 13 day of May, A.D. 1968.

*C. R. Kirk, Jr.*  
GOVERNOR

participate in this very worthwhile event which in many quarters is regarded as the dress rehearsal for the annual SET. Whether you make it or not, and I hope you do, we should start planning for the next SET. It would be nice to place East Florida in first place, and it would not be difficult if all EC's and members put their mind to it. East Florida has come close to the number one spot "always a bridesmaid, but never a bride."

Sorry, I did not get to Orlando "pro bono publico." CUL

## GRID LEAKS

The more I listen across the bands the more disgusted I get. There was a period years back when hams were interested in amateur radio. Now it appears that all they care to do is "talk talk". It would not be so bad if something other than causing QRM was being accomplished but this seemingly endless line of senseless chatter makes one wonder what has happened to amateur radio?

Onyx





By AFB4JTK/AFC4BND

This issue we thought that all would be interested in what happened at the meeting at Orlando so here it is:

The Orlando meeting was a success. The attendance was twice as much as last year. What comes of the meeting remains to be seen.

All the subjects covered were pertinent and aired extensively. Our new Command Mars Director, Capt. Lewis Daboll, AFC4 FOG (from N. Miami, Fla.) seemed receptive to the comments and suggestions and was prepared to take them under advisement. He seemed very friendly and outspoken while admitting he was not prepared adequately to make any policy decisions, and everyone respected his thoughts and did not press him at that time.

They all did make sure, however, that he was aware of all problems and issues and what the local officials felt were possible solutions.

Sidny Antin, representing ECR was also present and gave a lengthy speech on the program.

Representing McCoy AFB was Lt. Gissendanner. A very congenial fellow, Mr. Antin congratulated all present for the fine job that was being done and said he was sure that we would continue to do a FB job, in supporting the Mars program. He singled out a few of those who were present, for particular merit. They were: AFA4IKX; AFA4DNB (Ga.SMD) AFA4QJZ (representing N.C.) AF4MOY; AFA4FPP and AF4MX.

Andy Galoupe, the ADTN manager, gave us some of the details of his operation that are not normally known, and it was very interesting.

We must compliment AF4-OPR. Jim did a very fine job getting the Hamfest into operation and he spent many hours setting up the meetings before and after the hamfest.

All in all it was a very interesting meeting and was enjoyed by all present. We hope that next year's meetings will be as fruitful as this year's.

## IT HAPPENED LONG AGO

DID YOU KNOW? A maid entered his room and found him dead on the morning of January 7, 1943. Thus, ended quietly the era of the man who tamed the mighty Niagara and produced a new system of Alternating Current motors and transformers.

Nicola Tesla was born on July 10, 1856, in the village of Smiljan, Yugoslavia. As a youth, he had the dedication and drive that was to earn him his desire to "TAME ELECTRICITY AND HARNESS NIAGARA FALLS." Nicola's father, Rev. Milutin Tesla, fulfilled his desire by enrolling him in the Polytechnic Institute of Prague to further his studies in the field of Physics and Mathematics.

On his first job after graduation, he invented the "REPEATER" and although this principle is used this day in radio loudspeakers, he never bothered to patent his idea.

As though to prove his "Power of visualization, for he seldom worked from plans or notes, he stopped suddenly while taking a walk with his aid Szigeti, and cried out, "Watch me! Watch me reverse it. Don't you see it? Now I throw the switch and I reverse it. See, there is no sparking." Thus had Tesla found the solution to the Alternating Current problem. He had conceived the "Rotating Magnetic Field" for his induction motor.

It was at this time that Nicola left Budapest and went to Paris to work for the Continental Edison. When he found no interest in his induction motor there, he accepted an



RECENTLY A NEW GOLDCOAST Emergency Net was formed by EC for Broward Co., Tom Middleton WB4CKY of Hollywood. Here are some of GEN's members. (Calls not supplied.) See Directory listing for details. (photo via WB4CKY)

introduction to Thomas A. Edison in New York and left Paris arriving in June, 1884, a young man of twenty-eight.

After a disappointing stay at the Edison Experimental Center, and a series of misfortunes, a new backer financed a new lab on Fifth Ave., and Bleeker Street, New York City. Now he was free to develop his Alternation Current machines and soon he was granted his first 25 patents. This was the start of a flow of discoveries that shook the Electrical world.

In 1888, before the American Institute of Electrical Engineers, he lectured on "A new system of Alternating Current motors and Transformers" and was acclaimed "AN OUTSTANDING INVENTOR." In 1891, before the Royal Society of Engineers, he lectured and demonstrated his wonderful discoveries in High Frequency

currents. This lecture stood for many years as the only written work in the field. But with the building of the First powerhouse at Niagara Falls, Tesla's early dream was brought to fruition.

Tesla's most famous inventions: The Induction Motor, The High Frequency Resonance Transformer, H. F. Electronic Controls, and the Delta-to-Star Polyphase A. C. Circuit. This man was truly a Genius. (From TARC Bulletin -WB4 DMZ Ed.)

## THANKS...

Our thanks to our man in Tallahassee, GEO. THURSTON, W4MLE, for getting our Proclamation through. (See Page 8)

## radio amateur callbook

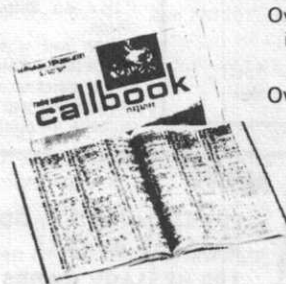
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# NET NEWS

## FLAMINGO NET NEWS

By W4EDP

The Net has been skipping and bouncing along as per schedule with no particular wild events taking place. (There is a pun there somewhere.) The 10 meter band does not seem to be staying open as long during the evening as it was earlier in the year as we have not made a new Flamingo in one setting in a long time. Must be DST. The band is doing OK during daylight hours though.

Had a hidden transmitter hunt a couple of days ago, and things got mixed up a little worse than usual, at least it seemed that way at the time. The hidden transmitter was W4MNN Charlie, and he announced that the winner would be the one who drove the least number of miles to find him. He also set a time limit of 2 hours for the seeking. After a couple of the hunters had located him they all waited and waited for the others to show up. One fellow was not able to locate the X-mitter, and another hunter had not been heard from since the hunt began. It was assumed that he had trouble with his rig and either could not transmit or receive, and so had gone home. Charlie therefore, told the hopelessly floundering hunter where the hidden transmitter was, and it turned out that the other fellow was still in the hunt, but had not been using his transmitter. He had been moving very slowly toward the hidden transmitter site and conserving his mileage as much as possible. When Charlie announced his location the hunt was over, and

the man with the least mileage could no longer win. Oh, death where is thy sting. But mixups like this keep the Flamingo Net from becoming humdrum, never a dull minute.

Come on up to see us on 29,044 kcs at 7:30 Friday and bring your carrier along. 73 Jim

## QFN REPORT



By Bob  
Blumberg  
WA4OHO

QFN now officially has two times and two frequencies. Due to Daylight Saving Time, the early session now meets at 2230 Z on 7095 kc/s and the late session meets at 0200 Z on 3651 kc/s. This system seems to be working out very nicely and will probably become standard procedure for DST.

QFN statistics for the month of April showed that 740 check-ins handled 485 pieces of traffic for a rate of 0.445 messages/minute, which is fairly good for this time of year.

W4GEE, Dick of Jacksonville, is again in the hospital with throat trouble. W4TRS, Bill in Sarasota has been off for awhile completing the time-consuming task of resodding his lawn. W4IJH is up North on vacation. Glad to welcome Bonnie, WB4FSF to the net after her first QNI on May 1.

The Orlando Hamfest was very profitable for QFN. At the QFN Breakfast many friendships were made and many problems were discussed and decided upon.

Now that summer is approaching and things are slowing down a bit, now is a perfect opportunity for those of you have been contemplating checking-in to QFN. We welcome everyone and will send to you at your own code speed. CU on QFN!

## FLA. MIDDAY TRAFFIC NET

By Herb W4LSR

About 45 years ago I joined old Miami Daily Metropolis (now the Daily News) as a Cub Reporter I was a flop, and I lasted about a month. I will try harder this time and hope I do better. I am sure the entire Net thanks you Charlie, W4AKB, for the excellent job you did as FMTN Correspondent to Florida Skip. Hope I can fill your shoes.

The Net was well represented at the Orlando Hamfest. It was a pleasure to meet so many of you "eyeball." If many of you would be interested, perhaps we could have a little spot al-



MANY A FLORIDA AMATEUR has worked John DiBasi, W2FX, licensed since 1915, President Emeritus of QCWA and holder of membership No. 1. John is still very active in a daily net called "Spaghetti Net". (See ad Fellow Amateur Dept. elsewhere.) W2FX is also looking for his many Florida friends on 15 and 20. (photo via WA4SCJ)

lotted to us next year so we wouldn't have to search all over the area for each other. FMTN passed 108 pieces of formal Orlando Hamfest traffic as well as numerous informals regarding the Hamfest.

Kelly, WA4FJA and Dick, K4LEC are doing a fine job as Net Controls. Ted, WB4CBP sent his new SWAN 550c back to Oceanside because it wouldn't "cut the mustard". It was returned recently and now it sounds like a SWAN. Herb, K4DAX checked back into the Net. We all missed him and are glad to hear him again. Herb, W4LSR received a Drake low pass filter as a birthday present from his XYL, WA4ITP. Elnor can watch TV now while the OM is on the air. Sneaky!

FMTN welcomes new check-ins whether you have traffic or not. We

meet every day but Sunday at 12 noon EDT on 7230. If you wish to be placed on the roll send a formal message to Clyde, W4SDR our Net Manager in Daytona Beach. Our assistant Net Manager is Herb, K4DAX in Bradenton.

April Net activity consisted of 26 sessions. 589 stations handled 459 pieces of formal traffic with an average QNI of 21.1 and average QTC of 17.5.

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## TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top twenty traffic takers in Florida. Next month we hope to see your call here.

1. WA4SCK	BPL	943	11. W7BNR/4	119
2. W4DFU	BPL	404	12. W4ILE	105
3. WA4NEV		342	13. W4LSR	104
4. W4KIS		324	14. W4DVO	85
5. WA4FGH		248	15. WA4CHO	84
6. W4FPC		158	16. WB4DDO/4	80
7. WB4FLW		145	17. WA4TWD	78
8. WB4DHZ		128	18. W4SMK	77
9. WA4HED		123	19. WA5KAK/4	66
10. WB4EPD		121	20. WA4FJA	60

## TRAFFIC HOUNDS

By Jesse H. Morris, W4MVB

NET	QNI	QTC	SESSIONS	AVG. QTC.
FMTN	589	459	26	17.5
FAST	923	268	26	10.3
TPTN	758	254	26	9.8
FPTN	499	114	26	4.5
QFN	740	485	60	8.08
GN	151	104	30	3.4
FATT	107	22	30	0.7
WFPN	105	89	30	3.0

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## About Those Articles For Florida SKIP

By Earl Spencer, K4FQU\*

FLORIDA SKIP receives many letters each month from you the readers, many of which include material submitted for printing. Andy welcomes all letters and articles and his request for them still stands. This little note is to you who are contemplating submitting an article for print.

Andy is a very busy guy trying to hold down a full time job, publish FLORIDA SKIP, and

hold down many various other non-paying positions. He does not have enough free time to devote to compose, edit and proof-read all material sent to him for publication so he farms it out to a few who attempt to do the job for him. Unfortunately, we who receive it are often in the same boat as Andy is in, and therefore it would make life much easier for all of us if you, the writer would follow these simple guides which will help eliminate any possible errors in printing your story.

1. Be sure drawings are clearly labeled so as to be eas-

ily understood. Neatness is not as important as getting the message over. Your schematic will be drafted for you if it can be understood.

2. Make sure your drawings and article will work when built. FLA. SKIP cannot test gear before printing.

3. Be accurate in your written description. Make-up is not important but the man who rewrites it must get the idea.

4. When possible type the written matter. If you cannot type, write legibly and in ink.

5. If more than one piece of paper is involved in the story,

place the name of the article and your call at the top of every page, in case they should become separated. Do not expect any material or articles to be returned.

6. Include your full name, correct call letters, and full correct address with all articles or letters.

7. KEEP THEM COMING.

73

K4FQU

\*1413 Davis Drive  
Fort Myers, Fla.  
33901

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have a need for the services listed, you can't possibly do better than to deal with a fellow amateur, can you?

 <p><b>FLORIDORAS</b></p> <p>EACH TUESDAY 9 A.M.</p> <p>3933 kHz ALL YLs WELCOME</p> <p>Pres. W4WPD, V.P. W4UF, Sec. W4EHN, Treas. W4BIL</p>	<p><b>WIRELESS SPAGHETTI NETWORK CLUB (WSNC)</b></p> <p>FOR ITALIANS OF THE WORLD. MEMBERSHIP OVER 100. FREQS 14.166, 14.300, 21.390 and 28.6. MORE INFO WRITE TO: Robert Pianella, 11WRP, Piazza delle Iris 28, Rome, Italy 00171.</p>	<p>COMPLIMENTS OF <b>INDEPENDENT COUNTY HUNTERS</b> "OTTS" K8CIR "BERTHA" WA4BMC</p>
<p>For the BEST, get a time-tested <b>ROHN TOWER</b> Complete planning and erection service.</p> <p>For more info - call or write: <b>ED ROLLER, W4WYJ</b> P.O. Box 894 Punta Gorda, Fla. 33950 (813) 639-2148 or 335-6651</p>	<p><b>MILK</b></p> <p>NATURE'S MOST NEARLY PERFECT COMPLETE FOOD</p> <p>W4GM - E.C. "Clark" Mattson Okeechobee, Florida Producers of Grade A Milk</p>	<p><b>don simcox</b> ADVERTISING LAYOUT COPY PREPARATION &amp; ASSOCIATES</p> <p>CALL 821-8432 801 W. 49TH ST. HIALEAH</p>
<p><b>Tedco</b> Galaxie Hallicrafters Elco Ameco Johnson of Melbourne, Inc.</p> <p>WHOLESALE ELECTRONICS 2678 N. BABCOCK ST., MELBOURNE, FLA. Ted - WA4DHI Tiny-WB4EJX Ted - W4JHM</p>	<p><b>ROY'S RADIO &amp; TV</b> ZENITH SALES &amp; SERVICE 5527 S.W. 8TH ST. - MIAMI ROY - W4ITO - FCC Commercial Phone: 661-0823 CHARLIE - WA4CIK IRA - WA4BGL</p> <p>Same Location &amp; Ownership Since 1955</p>	<p><b>'YANKEE FONET'</b> <b>3,975</b> (AROUND THE CLOCK)</p> <p>W3ADK W3USG W3BWH W8DUX W3MMG WA3CHB</p>
<p><b>W4IAD W4TVK</b> Specials on Foreign Tape Recorders, Radios, Hi-Fi-Stereo Equipment Parts-Service</p> <p><b>SAFS, INC.</b> AUTHORIZED FACTORY SERVICE "Hi Fidelity Engineers"</p> <p>Hyman Lessin 2115 J.F. Kennedy Blvd. John Horn Tampa, Florida</p>	<p> <b>NORTH PARK T.V.</b> is Factory warranty on all SWAN equipment in Florida. We welcome any inquiry and will answer all correspondence.</p> <p>-- ED KLAR, W4FAD -- 6420 Central, Tampa, Fla. 33604 Phone 232-3101</p>	<p><b>JENKINS SUPPLY CO., INC.</b> 1686 Clearwater - Largo Road Phone 584-5282 Clearwater, Florida 33516 <b>K4OF1</b> Amateur Radio Supplies</p>



OPERATING on AREC freqs, Ned (K4CNB) and Nancy (WA4EDL) Harbert were holding down 6 and 2 meters during the Southland Sweepstakes at Lake Maggorie near St. Petersburg. Ned worked the patrol boats while Nancy worked the 6 meter pit crews from the judges stand.

(Photo by W4APV)

## ARPSC Assists Hydroplane Race

As in the past four years, the local St. Pete amateurs again were called to furnish communications for the hydroplane races. The Southland Sweepstakes were held at Lake Maggorie. This year's race was the biggest in their history and one of the best we've ever seen.

Ned Harbert K4CNB wishes to extend thanks to all those who worked the races and for those who loaded rigs. WA4FEO Barney and W4OHJ Jack, thanks for the loan of rigs.

The following fellows and gals really outdid themselves on top performance this year with all the spills and such that took place: K4PBP Dick, W4GHM Larry, WA4JGS Mac, K4NOC Stormy, WA4TXK Walt, out in the boats. Pit crew headed by W4APV Jim, WA4DJN Ed took movies of some of the spills. None of us will forget our moral booster, coffee bringer, message runner Lois XYL of Stormy. K4NOC big help to the Pits crew and Sherry XYL of

K4PBP Dick who did the same for us on the Judges stand.

This year's MC, Dick Crippen, of our TV station WLCY did an outstanding job and really gave the amateurs a lot of credit for this and all public service. We got a round of applause from the crowd of approximately 2000.

All of us thank the Power Boat Association for the opportunity of helping and enjoying the good times.

### GRID LEAKS

Since the advent of transceivers I have been wondering how a fellow who does not have a second receiver can monitor his signal? Don't tell me he uses a monitor scope because that does not tell him much about the audio quality of his signal. He can feed in inverted speech or 100% audio distortion and still get a nice looking Xmas tree pattern. I wonder if that is the reason for so many poor sounding SSB rigs these days?



W4GHM, WA4TXK, K4NOC and others had two meter gear aboard their own boats keeping an eye on Hydroplanes like this during the Southland Sweepstakes held near St. Pete recently. Each station reported on boat progress and if any "spills" along the route.

(Photo by W4APV)

## AAA Welcomes Amateurs to 1968 BEBA Effort

The nation will fall in behind Florida July 4th weekend when "Bring 'Em Back Alive" comes alive in 20 states or more.

At this stage, though, only Florida will be utilizing amateur radio for communications.

The Florida Conference of AAA Motor Clubs adapted the Bring 'Em Back Alive concept, originated in Michigan, to new heights of success. The Holiday News Service, originating in Orlando, spread safety and travel information through a 140-station network.

Gov. Claude Kirk promised the cooperation of all necessary state agencies for the July 4 kickoff last year. On that foundation of success, Labor Day BEBA was to be constructed.

Then, just a few days before the second phase, Florida amateurs pledged their cooperation. The unexpected bonanza of manpower caught the program's coordinators, Keith Leslie and Hampton Dunn, by surprise. But, under the direc-

tion of Wes Gardner, K4KRG, Hal, W4BKC and Ev Shea, K4UIZ, the Orlando news central received information from all corners of the state.

Coordinator Leslie thanked participating amateurs at the Orlando Hamfest April 27, and said offers of continued support next July 4th will be welcomed again.

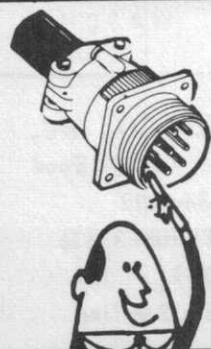
"Some of our branch offices were unprepared to cope with the instantaneous communications amateurs take for granted," Leslie said. "There may be cases again this year where we have operators better prepared to relay holiday and safety information to us than our own people are!" Leslie noted.

Again this year, all communications to the Orlando headquarters will be directed through the Emergency Coordinators. To eliminate confusion and duplication, each County E.C. will establish time periods for volunteers to gather and pass along information to Orlando headquarters via the ARPSC Nets.

"We try to use every bit of material possible," Leslie said. "But time restrictions are rigid, and there are periods in which some timely material we'd like to use is crowded out by other information we must get on the air."

"We do appreciate the interest and effort so many Hams are demonstrating and we'll welcome every contribution this July 4th weekend," Leslie said.

Next month we will have complete details from Mr. Leslie and his group on BEBA. Wait for 'em.



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# Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy. ARRL Officials are listed free. Florida Nets are listed free upon notification from net manager. Clubs listed for \$12.00 per year. (Free to clubs taking box ads elsewhere.) Any individual amateur may be listed for \$5.00 a year. (The ones who really care.) Let's fill up this page!

## ARRL LISTINGS

Director, S.E. Division  
CHARLES BOLVIN W4LVV  
2210 S.W. 27th Lane  
Miami, Florida 33133

Vice Director, S.E. Div.  
A. L. HAMEL, K4SJH  
220 N.E. 25th Street  
Pompano Beach, Fla. 33064

SCM E. Florida  
JESSE MORRIS, W4MVB  
P.O. Box 1241  
Jacksonville Beach  
Florida 32051

SCM W. Florida  
FRANK M. BUTLER, Jr. W4RKH  
323 Elliott Rd., S.E.  
Ft. Walton Beach, Fla. 32548

SEC East Florida  
ANDY CLARK, W4IYT  
41 Lenape Drive  
Miami Springs, Fla. 33166

SEC West Florida  
G.D. McKECHNIE, W4IKB  
1000 N. 6th Street  
ChIPLEY, Florida 32428

Asst. SEC East Florida  
TOM CHISHOLM, W4FP  
P.O. Box 2273  
Lakeland, Florida 33803

## NET LISTINGS

QFN (all Florida)  
Daily 2330 & 0300Z  
3651 kc. Net Managers  
W4BVE/ W440H0

FSBA Sundays  
2200Z on 3940 kc.

FSBEN Thursday  
0030Z on 3940 kc.

KNIGHTS OF KILOCYCLE,  
Sundays,  
1200Z on 3910 kc.

GATOR NET (GN)  
Daily 1330 on 3651 kc  
and 1630 on 7115 kc  
Net Manager: K4C00

SATN South Atlantic Traffic Net  
Mon. - Sat. at 0330z on 3945 kc.  
Net Manager WB4DSP

## TROPICAL PHONE TRAFFIC 'NET (TPTN)

Daily except Sunday, 2200Z on  
3945 kc.

Net Manager: W4SMK

## FLA. AMATEUR SIDEBAND TRAFFIC NET

(FAST) Daily except Sat.  
2300Z on 3940 kc.

Net Manager: WA4NBE

## WEST FLORIDA PHONE NET (WFPN)

Daily 2300Z on 3957 kc.

Net Manager: WA4ZGI

## FLA. PHONE TRAFFIC

NET Mon. Thru Sat.,  
1200Z on 3945 kc. Net  
Mgr: WA4CIQ

## NOVICE HURRICANE

NET (NHN) Sat. & Sun.  
at 1930Z on 7165 kc.

Net Manager: WA4YAK

## GOLD COAST EMERGENCY NET

6 Mtrs. 50.445 mc Mon. 2000 local  
2 Mtrs. 145.23 mc Tues. 2000 local  
WB4CKY, EC Broward Co., Mgr.

## FLA. MIDDAY TRAFFIC NET

Daily except Sun. at 12 noon  
EDT on 7230 Kh. Net Mgr. W4SDR

## INDIVIDUAL LISTINGS

### "SLIM" and BERTHA EGGERT

WA4AZZ/WA4BMC  
1510-17th Avenue-North  
Lake Worth, Florida 33460  
Regards to all our friends.

## CLUB LISTING

DADE RADIO CLUB, INC.  
(W4NVU) 1st & 3rd Tuesday,  
Museum of Science  
3280 So. Miami Avenue  
Miami, Florida  
Mailing address: P.O. Box 73  
Biscayne Annex  
Miami, Florida 33152

NORTH FLORIDA AMATEUR  
RADIO SOCIETY W4IZ  
2nd Thursday, 7:30 P.M.  
Duval CD Headquarters  
107 Market Street  
Jacksonville, Fla. 32202



By Elmer, W4HFR

Orlando Amateur Radio Club's very successful Hamfest provided an exciting background for our annual Q.C.W.A. meeting. Over seventy-five of our one hundred and fifteen members were there to enjoy the meetings and make eyeball QSO's with old friends.

WA4FIU, Harold Bates was elected secretary to succeed W-4YK whose sustained efforts and interest has made a successful chapter. Elmer Huddleson, W-4HFR is the new Chairman and Jim Nicholson, W4BU is his assistant.

The May 29th Luncheon meeting at Kings Inn in Sun City will be the last until September. Plans are already in the mill for next year's program.

The Sunday 10.00 AM EST Net will continue to meet on 72-25 Khtz for the summer.

Finally, our congratulations to the Orlando gang for a grand meeting and wishing all a happy summer.

## ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC

Meetings: 1st Friday  
FPC Lineman's Assembly Hall,  
25th St. & 25th Ave., N.  
Mailing Address: P.O. Box 4026  
For information phone:  
544-1856 or 526-6731

## ORLANDO AMATEUR RADIO CLUB, INC. - W4PLB -

2nd Tuesday every month, 8p.m.  
Red Cross Bldg., Central & Bumby  
Mailing Address: Box 13267  
Orlando, Fl a. 32809  
2 Meter Net - 145.350 MHZ  
Mon. thru Thurs. 7:00 p.m.  
For information phone 644-9896

## FLORIDORA YLs (W4FE)

All licensed Florida YLs invited to join.  
Mailing address:  
Pres. Shirley Hill, W4WPD  
1710 Lambright,  
Tampa, Fla. 33610  
Nets: Tues. 1400Z on 3933 &  
Sun. 1900Z on 7275 kc/s.

GAINESVILLE AMATEUR RADIO SOCIETY, K4DPZ 1st Tues. 8:00 pm, Alachua CD Headquarters Basement, County Court House. Mailing Address: 1421 SW 13th Ave., Gainesville, Fla. 32601.

## NOVICES! NOVICES!

Hey - - congratulations on getting that ticket. Bet you've had a lot of run so far in your different operating activities. DX is great and I'm sure you've gotten or will get your share. Ragchewing, another great operating activity is bound to be fun. - - But - - have you yet investigated that third area of operating activity - - traffic handling?

Traffic handling - - in Florida - - is a big thing. Florida's hams are known for their extensive and efficient message and traffic handling systems.

One of those nets is the Novice Hurricane Net. The Novice Hurricane Net (NHN) is made especially for the novice and beginning trafficker. It operates on 7165 kc/s in the forty meter novice band. The net meets every Saturday and Sunday at 2:30 local standard time (est or edst).

The purpose of NHN (and of most other traffic nets) is to pass messages (free of charge) for the general public and to help novices build up their code speed and general operating ability. Another benefit for participants is the friendships built up with other members who are heard and worked week after week.

So, if you want to be welcomed into the net - - how do you check in (QNI)? Well, it's simple - - first listen on 7165 kc/s for the net control station (NCS). The NCS is usually, but not always, WA4YAK or WB4DDO. After you hear the net control finish the roll call (QNA) and ask for QNI (check ins) use your closest crystal to 7165 and call "Bk.. Bk.. Bk.. de WN4XXX" (your call). Even if you're not on the net frequency the NCS will eventually hear you since he tunes most of the novice band. The farther from the net frequency you are, the longer your BK's should be to get his attention. After he gives your call and says QTC? (do you have messages for me), just say QTC (then the names of cities or states you have messages for) or QRU (if you have no messages). Then he will ask you to wait and later will tell you who to pass the messages to.

That's about all there is to checking in. So remember, NHN Sat es Sun at 230 p.m. 73, dx Gary Carter WB4DDO 2308 S. 29th St., Fr. Pierce, Fla. 33450

June 1968 FLORIDA SKIP/13

# QSO RESULTS

(Continued from Page 1)

With results like this, what more can be said?

With an eye to next year's affair, no particular trend of comments were received on the present rules. The only change being considered is to use ARRL sections rather than states to give the fellows in the second and sixth call districts an equal opportunity to win a certificate.

A total of 106 certificates will be issued to winners and a total of 179 logs were received.

Very sincere thanks and congratulations for a job well done to all the stations participating in the Fourth Annual QSO Party, particularly to you fellows who activated the rare counties which made the out of state stations very happy. Let's make next year an even bigger affair!

Trophies won by the Florida stations will be awarded at the 1969 Tropical Hambooree Rex Trobridge, W4BYB QSO Party Chairman

## FLORIDA RESULTS

### CW

Brevard	W8BZY/4	10,622
	W4FRO	7,803
Broward	W4QVJ	1,326
Clay	W4WHK	19,712
Columbia	K4TBN/4	16,422
Dade	W4LVV	20,296
	W4HOS	4,400
	W4IYT	30
Duval	WA4UFW	12,032
	W4ORT	11,220
Hillsboro	WB4INL	3,040
Ind. River	W4LEP	13,296
Lake	WA4LCO/4	1,104
Monroe	K4ILC/4	19,560
Okaloosa	K4OLC	7,920
Orange	WA4LCO	11,808
Palm Bch.	W4DWK	13,720
Pinellas	WA4BGW	1,612
Polk	WA4TXV	6,579
Sarasota	W4BGO	41,218
Seminole	K4IEX	9,729
	WB4FSF	672
St. Johns	W4FY	7,310
	W4UHC	2,378

Volusia	W4ZOK	12,100
	WB4DJT	96

### PHONE

Columbia	K4TBN/4	595
Dade	WA4LFP	6,788
	W4LVV	81
	W4IYT	1
Duval	WA4UFW	2,646
Highlands	WA4VLQ	7,000
Lee	W4SMK	260
Pinellas	WB4EPD	1,624
	WA4BGW	25
Polk	K4WVX	7,191
Sarasota	WA4WIP	9,504
Seminole	K4IEX	1,512
St. Lucie	WA4WVE	1,300
Volusia	WB4DJT	23,236

### MULTI-OPERATOR CW

Dade	W4NVU/4	34,782
	(K4JWM/W4BYB)	
	K4YSN	23,199
	(K4YSN/WA4VZW)	
Glades	K4GRD	33,660
	(K4GRD/K4IIN/	
	K4YBE)	

### MULTI-OPERATOR PHONE

Alachua	W4DFU	53,176
	(WA4NYJ/WB4JAN/	
	WB4DSP/WA4VEY)	
Dade	K4YSN	5,852
	(K4YSN/WA4VZW)	

### OUT-OF-STATE

TOP TEN - CW	
W9JCK	2,746
W3BQN	2,179
WA4NBT/5	2,076
W5BUK	1,920
W1AQE	1,820
K4DSX	1,775
WA3ENR	1,764
WA2BZV	1,650
W2ZV	1,636
W6GEN	1,636

### OUT-OF-STATE

TOP FIVE - PHONE	
W3BQN	2,193
WAQTIL	898
WA3HAE	772
WA9NEW/5	766
K9KKX	612

### FLORIDA SINGLE-OPERATOR

TOP TEN - CW	
W4GBO	41,218
W4LVV	20,296
W4WHK	19,712

K4ILC/4	19,560
K4TBN/4	16,422
W4DWK	13,720
W4LEP	13,296
W4ZOK	12,100
WA4UFW	12,032
WA4LCO	11,808

### FLORIDA TOP FIVE - PHONE

WB4DJT	23,236
WA4WIP	9,504
K4WVX	7,191
WA4VLQ	7,000
WA4LFP	6,788

### TOP CANADIAN - CW

VE3BJK	1,625
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### TOP CANADIAN - PHONE

VE3CKW	132
--------	-----

### TOP DX - CW

WB4AJV/KP4	1,204
------------	-------

### TOP DX - PHONE

OE2EGL	192
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### OUT-OF-STATE CW RESULTS

Conn	WA1GYP	1,600
	K1ZFO	1,045
NH	W1FZ	1,420
	WA1FCN	491
	K1PQV	445
RI	K1QFD	900
VT	WA1HXU	694
	W1FS	568
	W1MRW	42
ME	W1UOT	1,549
MASS	W1AQE	1,820
	K2GLQ/1	1,296
	K1RQF	814
NY	W2ZV	1,636
	WB2FRE	1,319
	WB2WAD	1,158
	WB2ALX	1,156
	WB2VIA	646
NJ	WA2BZV	1,650
	W4LIN/2	950
	K2SBW	936
	WB2ZPB	586
	WB2UBV	508
PA	WA3ENR	1,764
	WA3FFR	532
	WA3HAE	415
MD	W3BQN	2,179
	W3DYA	920
	WA3GUI/3	404
	W3GN	286
	K4PUZ	252
TENN	WB4EFE	1,250
KY	K4NAX	1,132
NC	K4DSX	1,775

### VA

### GA

### TEX

### LA

### OKLA

### ARK

### MISS

### CAL

### ARIZ

### WASH

### WYO

### IDA

### OHIO

### W. VA.

### MICH

### ILL

### IND

### NEBR

### IOWA

### MO.

### Canada

### NB

### NS

### QUE

### ONT

### BC

### Ethiopia

### Mexico

### Puerto Rico

### Denmark

### Germany

### El Sal

### Jamaica

### Austria

### England

### OUT-OF-STATE PHONE RESULTS

### VT

### MASS

### NJ

### NY

WA4FFW	1,228
WB4IOJ	751
K4CIA	672
W4TKN	1,112
K4BAI	1,300
K4ARF	914
WA4UQQ	594
W5QNY	1,108
WB2LZF/5	548
WA4NBT/5	2,076
W5BUK	1,920
WA5GV8	604
K5VTA	72
WA5LIO	760
WA5JAN	204
W6GEN	1,636
WB6THT	1,411
K6OT	744
K6CAG	204
K7AL	1,475
W7CAL	168
W7GYF	700
WA7JCB	644
WA7EWC	36
WA7DNB	537
W8AQ	1,444
W8MJG	1,178
K8NQP	940
WA8CNN	1,540
W8SQO	1,076
WA8VLM	496
W8WVU	491
WA8USU	491
WA8OFW	320
K8QBM/8	195
W9JCK	2,746
WA9OQE	1,068
K9UCR	1,020
W9WR	604
W9QWM	221
W9TCU	110
WA9MXG	1,388
W9FYM	340
K0QIX	746
WA0TDO	765
WA0KXJ	680
K0WNV/0	594
WA0NVM	401
W0KCG	700
WA0DGG	556
WA0TIL	64

VE1AE	1,000
VE1AIT	445
VE1ASJ	117
VE1DB	452
VE2IL	1,036
VE3BJK	1,625
VE3CKW	613
VE7IQ	110
VE7BAG	56
ET3FMA	252
XE1KD	537
WB4AJV/KP4	1,204
OZ4H	88
DJ8SG	204
YS2OB	448
6Y5GS	110
OE2LEL	48
G3UFY	104
OUT-OF-STATE PHONE RESULTS	
WA1HXU	140
WA1EYF	143
WA2BPL	532
WB2TWM	192
W2ZV	117

(Continued on Page 16)

## Fort Pierce Communications, Inc.

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To Commercial Business: Classified, undisplayed - 50¢ per line; Illustrative or General Display with border - \$3.50 min., \$60/page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns-40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P. O. Box 501, Miami Springs, Fla. 33166.

FOR SALE: HT44 SX-117 a.c. speaker, 2 years old \$400.00. Would consider SB-34 in trade. Wilcox rack mounted, 813 pi-net transmitter with xtal exciter, buffer doubler, relays etc. Needs metered d.c. supply. Mod transformer for 4-125A to 4-400A final \$10.00. Drake DC-3 with cable like new \$85.00. Some BC receivers semi-antique (30's) QST, CQ 73 most 1960 up, few from 30's, 40's, 50's. Buck a dozen. Edwood D. Armstrong K4EOD, 5881 N.W. 14th Ct., Ft. Lauderdale, Fla. 33313.

AMATEUR - WHOLESALE ELECTRONICS, (Div. of International Electronic Systems, Inc.), 280 Aragon Avenue, Coral Gables, Florida 33134. Franchised distributor for Collins, Galaxy, Swan, BTI, Hy-Gain, Ameco, EZ-Way, etc. Write for current used equipment list. No one anywhere will beat our price. Have a better offer? We will top it!! We trade and we service what we sell. Come in and see us. Phone 305-444-6206. See our ad every Sunday in the Miami Herald, Column II-08. (Paid adv.)

FOR SALE: Heath HW-12, mike, HP-23 power supply, manuals \$115.00. Presently on air. Sked? Collins, ART 13, unmodified \$15.00. 12 inch enclosed speaker \$3.50. Commercial built 500 to 500 or 8 ohm line amp. \$5.00. New 40 foot, 4 section push up mast \$12.00. -Hallcrafters R-46 speaker with 500 or 8 ohm input \$6.00. Heath Balum coils B-1 \$5.00. Heath Q. Multiplier QF-1 with manual \$7.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166. Phone 888-3874.

An egotist is a swell person but all swell persons are not egotists. SALADA

40 foot Easy-Way all galvanized, extra heavy duty tower, cranks down to 20 feet and over to ground on ground post. Free standing, no buys for biggest arrays. Mast puts up to 50 feet. Half new price FOB. Louis E. Person W4PJG, P.O. Box 1647, Ft. Myers, FL 33902 Phone WE 6-3439.

FOR SALE: HW-32 with a.c. and d.c. power supply with assembly manuals \$100.00 takes all. Eldon R. Sherman K4PVD, 6240 SW 15th Ct., Pompano Beach, FL. Phone 972-3783.

FOR SALE: Complete mobile rig, Hallcrafters SR-160 with power supply, Hustler bumper mount, 20 and 40 meter Hustler whips, speaker, mike and SWR meter. \$225.00. W. F. Lord, K4PNU, 415 Savana Ave., Coral Gables, FL 33146. Phone 665-6723. (Paid Adv.)

FOR SALE: Galaxy V MK II with AC-400 supply \$420.00. Richard G. Leis W4UHO, 1300 Milton St., Clearwater, FL 33516. Phone 446-0886.

FOR SALE: Transmitters BC-696 \$10.00. BC-492/T2 \$10.00. BC AN-230 \$5.00. Unmodified. Receivers: AN/ARR-2, 2 meter with dynamotor \$10.00, two UHF TV converters, Malory 14-82 \$10.00 each also misc. parts. John T. Marshall, 3430 N.W. 2nd Terr., Miami, FL 448-9015. (Paid adv.)

FOR SALE: Heath HW-22A 40 meter ssb transceiver with a.c. supply, mike and manual, factory aligned mint condition \$99.00. Collins 75A4 receiver, serial No. 4903 with vernier tuning knob, three mechanical filters and manual, mint condition with matching 312 - A speaker \$375.00. Central electronics mm-2 analyzer scope. Monitors receive and transmit signals with manual \$50.00. Astatic D1-4 with PTP and stand, new \$12.00 Johnson KW low pass filter \$7.00 K. Stuber WB4CQJ, 200 NW 40 Ct., Pompano Beach, FL 33064. Phone 942-7854 (Paid adv.).

BARGAIN OF 1968 - Collins 32S1 with 516F2, with Waters notch filter, 500 cycle crystal and 500 cycle mechanical filter, 30L1 linear amplifier, 514 station control (directional wattmeter, phone patch, speaker) plus brand new power transformer for 516F2 only \$1100.00. If cash, will throw in model 15 teletype. Have all manuals. Dick Jones W4BTM, 821 NW 7th St. Road, Miami, FL 33136 Phone 305-374-8557. (Paid adv.)

Wasting time is just about the same as wasting life. Join an AREC net.

SUGGESTED READING: TODAY I AM A HAM by Ethelyn M. Parkinson, Abingdon Press \$3.95. Ages 10 and up. Eric Crane wants to become a ham radio operator. The result is a funny tale but it is spiced with authentic information for young hams and would-be hams.

FOR SALE: Drake 2-C receiver one year old and seldom used. \$175.00 will ship COD or you pick up for \$160.00. Hammurad PRC-310 receiver 550 khz to 32 mhz continuous tuning in good clean working condition. Cost over \$600.00 new. You can pick up for \$125.00. M. T. McSheehy W4FPC, 1134 Jackson St. No., St. Petersburg, FL. (Paid adv.)

If you must criticize, suggest an improvement rather than just find fault. SALADA

WANTED: Final call for Field Day. See announcement elsewhere and note changes. Rules for our FLORIDA SKIP FD TROPHY winners remain the same. All logs to ARRL as usual. Single transmitter entry send a "copy" of your FD log to SKIP. All winning scores must appear in QST, as they will do cross-checking etc. We hope more "group" entries will be submitted this year. Make plans NOW.

FOR SALE: Viking Ranger I. Will consider trade for continuous coverage receiver. E. T. Huddleson W4HFR, 12 West Hazel, Orlando, Florida 328-04.

TELETYPE gears, gearshifts, key-tops, typebars, typeboxes, type-wheels, paper winders, auto. CR-LF, non-overliners, forks, motors, punchblocks, TM's KSRS, ASRS, TRS, TDs, test sets, toroids, vacuum variables, FSCs. TYPETRONICS, W4NYF, Box 8873, Ft. Lauderdale, Fla. 33-310. (Paid Adv.)

LAMPKIN FREQUENCY Meter model 105-B in mint condition for sale \$200. Larry Loper W4WHF, 255 Suntan Ave., Sarasota, Fla. 33577. Phone 958-2343.

TRANSFORMERS REWOUND. Jess Price W4CLJ, 411 Gunby Ave., Orlando, Fla. 32801.

FOR SALE: VFO or Xtal exciter for phone c.w. or RTTY. Consists of modified ARC-5 Xmtrs T-19, T-20, T-21 and T-22 covering 3000 to 9100 kc. Complete with power supply, xtal adapter, FSK on 80 and 40 meters for RTTY. Drive 813s to half KW. Only \$25.00. R.L. Smith W4DRD, 2314 SW 13th St., Miami, Fla. 33145. Phone HI 3-0848.

FOR SALE: Viking Ranger, factory wired PTT with dow ant relay. \$60. Viking 6N2 factory wired with Dow ant. relay. \$75.00. Johnson 6N2 VFO \$25.00. NC-300, speaker, xtal calibrator \$90.00. NC-300 C-2 meter converter \$25.00. NC-300 C-6 meter converter \$25.00. NC-300 CC converter cabinet \$10.00. Heath DC supply for 2R and 6R \$8. Manuals for above. All in good working order and will demonstrate on air by sked. D-104 mike \$10.00. Johnson 250-20 low pass filters \$7.00. 2 meter Squalo ant, vixed or mobile like new \$6.00. Joystick ant. 160 thru 10 meters \$10. Claude G. Edge W4PLZ, 1011 Santiago St., Coral Gables, FL 33134. Phone 445-5908. (Paid adv.)

FOR SALE: E-Z Way HD-40G tower with house bracket and hinged base, \$85.00. CDR Ham Rotor, Tr-44, \$40. Mosley TA-33 Jr. beam \$50.00. In use 15 months - owner deceased. All three for \$150.00, you dismantle and take away. Hal Lewis W4AV, 5333 Delano Ct., Cape Coral, FL 33904 Phone 813-N12-3664.

FOR SALE: Autronics keyer \$60.00. Hallcrafters Panadaptor, all new capacitors \$35.00. Cliff dweller 80 meter tunable dipole complete with cable. \$65.00. Heath Mobile power supply solid state model HP10 \$50.00. WANTED: Collins 399C1 PTO in min condition. Ed Delll Bovi K4JKX, 210 Magnolia St., Satellite Beach, FL 32935 Phone 262-4452.

WANTED: Every Florida traffic man and woman to get a copy of the newly published FLORIDA ROUTING GUIDE edited by Regis Kramer, W4ILE, Route Manager for ARRL in Eastern Florida. The GUIDE is crammed full of over 300 calls of traffic people in Florida, nets, rosters, time charts, NTS info., free telephone toll listing (a must) and many other items. ONLY .50 per copy. Get two for a buck postpaid. Routing Guide, Florida SKIP Box 501, Miami Springs, FL 33166. -

FOR SWAP: SWAN 350 with a.c. supply. TA-33 with 40 meter kit. D-104 mike with PTT stand for good boat, motor and trailer. Bob K4ZHN, 3200 Sherry Dr., Orlando, FL 32810 Phone 295-1387 (Paid adv.)

It could be said that one's brain is only as strong as its weakest think. SALADA.

FOR SALE: National NCL-2000 amp. \$425.00. SB-200.00 Mosley TA 33 Jr. \$40.00. SR-150 with a.c. supply \$375. All excellent condition. Dr. Bernard Karpel WB4ASG, 1324-37th Ave., Bradenton, FL 33505 Phone 746-5295.

FOR SALE: Globe Chief 90-A plus screen modulator \$25.00. Gonset GR-212, dual conversion \$30.00, or best offer. Good novice rig. 6 foot cabinet on wheels, best offer, you haul. Bob Blumberg, WA4HO, 735-20th Ave. No., St. Petersburg, FL 33704 Phone 892-7091. (Paid Adv.)

FOR SALE: Heath six meter am-ssb transmitter HX-30 like new \$125 will ship COD or you pick up for \$110.00. Heath 6 meter 100 watt linear for above also like new \$75.00 will ship COD or you pick up for \$65.00. Model VHF-126 RME converter for 50, 144 and 220 mHz. A-1 condition \$75.00. Will ship COD or you pick up for \$60.00. M. T. McSheehy W4FPC, 1134 Jackson St. No., St. Petersburg, FL. (Paid Adv.)

FOR SALE: Johnson Viking II less 160 meter band only \$45.00. Perfect c.w. rig. Needs work on modulator. Ev Powell W4IMU, 10945 SW 53rd Dr., Miami, Fla. 33165 phone 271-1960.

## Skip Receives Awards

(Continued from Page 1)

won by Florida amateur publications, more than any other state or Canada.

The judges were: Mr. Chaffee WIEFW, Mr. Huntoon, WILVQ (Editor QST), and Mr. Talley W2PF. They had a tremendous job!

Congratulations to all editors above. We hope other Florida clubs will enter their paper in next year's ARNS Award Contest. For more information on ARNS, drop a line to SHIRLEY REX, K8MZZ, Secy ARNS, 2225 Mt. Vernon Ave., NW, Canton, OH 44709. FLORIDA SKIP is a member of ARNS.

PLEASE...  
GET YOUR F.D.  
SCORES IN ASAP.

ALL LOGS TO ARRL.

WHO WILL WIN  
OUR TROPHIES  
THIS YEAR?

June 1968 FLORIDA SKIP/15

## A Simple Single Wire Antenna Tuner

By Dick Blasco WA4DHU  
Special Assistant to the Editor

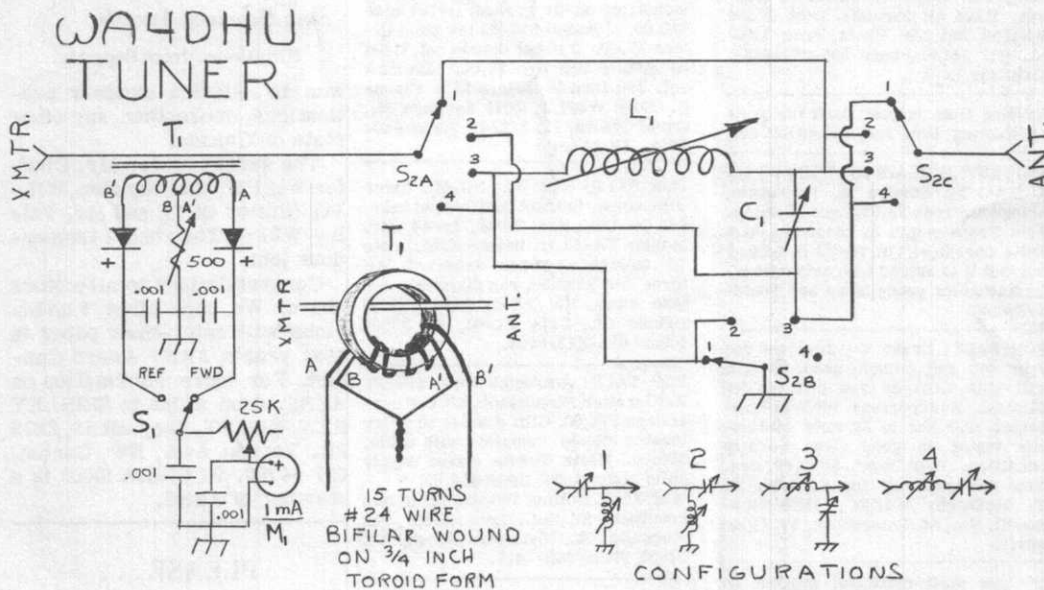
With the disappearance of rigs with pi-network outputs capable of matching wide ranges of output impedances from the market, the need for some external device to do the job has increased in recent years. Portable operation like FD or lack of space may necessitate the use of antennas having a characteristic impedance other than a pure 50 ohms resistive.

The adjacent diagram shows a simple, but effective and inexpensive solution to the problem of antenna matching. The rotary inductor L1 is salvaged from a surplus antenna tuning unit, and the toroidal form for T-1 can be obtained for about 15 cents at a local Miami distributor. The rest of the components are from the junk box, and the diodes are any general purpose or switching types. The entire unit is enclosed in a small cabinet salvaged from a surplus power supply.

The directional coupler T-1 is made up by winding 15 turns of wire bifilar on the toroid, and connecting the leads as shown. For optimum results, T-1, the 500-ohm "null" resistor, the diodes, and their two bypass condensers should be enclosed in a small shielded box and mounted inside of the main cabinets with the leads coming out through feed through capacitors. Phono jacks could be mounted to handle the R-F line.

C-1 should be mounted with an insulated coupling and its rotor insulated from ground. S-2 is a 3-pole 4-position ceramic rotary. The wiring gives the four configurations shown, which should match a wide variety of antennas.

To adjust the SWR indicator, bypass the L-C circuit and place a 50-ohm load on the "antenna" side of the coupler, apply power, advance the sensitivity control for meter deflection and tune the 500-ohm null resistor for zero reading in the reflected position. To match an antenna, experiment with various combinations and tune for zero reflected reading. Jotting down calibration for various bands will greatly reduce tune-up time after initial set-up.



RESULTS (Cont'd. from Page 14)

MD	WB2WAD	42	OKLA	K5VTA	63	NEBR	WA0RKQ	452
	W3BQN	2,193	CAL	WB6THT	117		K0QIX	154
	W3GN	49	MONT	WA7IIQ	25	MO	WA0TIL	898
PA	WA3HAE	772	WYO	WA7EWC	63	SD	WA0SBR	110
KY	K4NAX	81	IDA	WA7DNB	64	IOWA	WA0NVM	4
GA	WA4UQQ	9	OHIO	W8SOU	150	CAN	VE3CKW	132
LA	WA9NEW/5	766	ILL	K9KKX	612	LEICH	HB0WN	126
	WA5QZH	36		K9HDC	216	El Sal	YS2OB	150
TEX	W5ULN	192		K9UCR	99	Germany	DL9HC	25
			IND	W9FYM	25	Austria	OE2EGL	192

16/FLORIDA SKIP June 1968

## Florida To Get New 160 Meter Frequencies

Following from ARRL Bulletin 165: "FCC has amended the amateur rules effective July one providing additional privileges in 1800-2000 kHz. The new arrangements results from the work of a special study group in Washington during the past year headed by the Coast Guard and with participation by ARRL representatives. This FCC action grants substantial increased in available frequency segments as well as power in most areas of the U.S. June QST will have the full details. Please note the effective date is not until July FIRST."

Here are the changes: 1800 to 1825 and 1975 to 2000 kHz Florida amateurs can use 500 watts during day and 100 watts during night. 1825 to 1850 and 1950 to 1975 kHz we may use 100 watts day and 25 watts night.

It was suggested at the Orlando Hamfest last month that net managers consider picking a 160 meter net frequency. There are no license restrictions to 160 meters as you know. C.w. and phone are intermixed however. Talk it up on the nets. AC



**ARMY MARS**

by Joseph C. Patterson,  
AD4TZI

A new Assistant for Information Dissemination has been appointed by Wade L. Nelms, Third Army MARS Director. He is Henry C. Simpson, A4SCF, P.O. Box 27015, Memphis, Tenn., 38127. He replaces Lucille Peck, AA4MNM who is retiring after ten years of faithful service in the Third Army MARS program. She and husband Russell, who is also retiring, are moving to the State of Washington. Please make this change on the corrected Page A1, Appendix A, in your new Manual Supplement.

If you have articles or other material for the Third Army MARS News letters, send same to A4FCS at his Memphis address above. It might also be a good idea to send copies of such material to Mr. Nelms at his office at Fort McPherson, Ga., 30330.

It has been announced that the Third Army MARS 4238 kHz net will now operate on Saturdays and Sundays between 2200 and 0000Z, (6 to 8 p.m. Eastern Daylight Saving Time.) Third Army MARS members who can operate on this frequency are urged to check into this net to clear traffic for their districts.

A healthy turnout was registered at the Third Army MARS meeting at the recent Orlando Hamfest, with 39 from Florida District One and 22 from District Two. Wade Nelms, Third Army MARS Director, was the main speaker on the Army MARS meeting program. Both before and after the mid-morning coffee-break he answered numerous questions from the audience concerning future Army MARS programs. And, of course, during this get-together of Third Army MARS members, many long-standing friendships were once more renewed and subjects of mutual interest discussed.

Once again, District Director Gene Farthing, AA4KHT, reminds that Sig. 81 cards must now list under "Comments" the total messages sent and received during the month.